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Date: November 30, 2006

By: Steven Goldstein

Steven Goldstein

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: LARGMAN ET AL.

APPLICATION No.: 10/760,131

FILED: January 15, 2004

FOR: COMPUTER SYSTEM ARCHITECTURE AND
METHOD PROVIDING OPERATING-
SYSTEM INDEPENDENT VIRUS-, HACKER-
, AND CYBER-TERROR-IMMUNE
PROCESSING ENVIRONMENTS

EXAMINER: Revak, Christopher A.

ART UNIT: 2131

CONF. No: 7195

**Information Disclosure Statement Within Three Months of
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the National Stage of an International Application or before the mailing date of a first Office Action on the merits or before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114, whichever occurs last (37 CFR 1.97(b)(4)). The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

- ☒ Copies of references 1-55 are issued patent(s) and published application(s) and are not included (see C.F.R. § 1.98(a)(2)(i)).
- ☒ Copies of references 56, 58, 59, 61, 72 and 98 can be found in corresponding U.S. application(s) 10/094,600, filed March 6, 2002, now U.S. patent 7,137,034 and U.S. application 09/862,898, filed May 21,

2001, now U.S. patent 6,880,110 of which this application claims priority under 35 U.S.C. §120, and are not being submitted (see C.F.R. § 1.98(d)).

☒ Copies of references 57, 60, 62-71 and 73-97 are enclosed.

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

Fee Payment

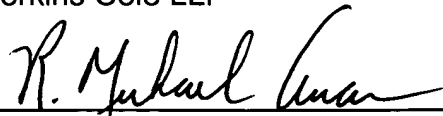
No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2207.

Patent Term Adjustment (37 C.F.R. § 1.704(d))

☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
Perkins Coie LLP

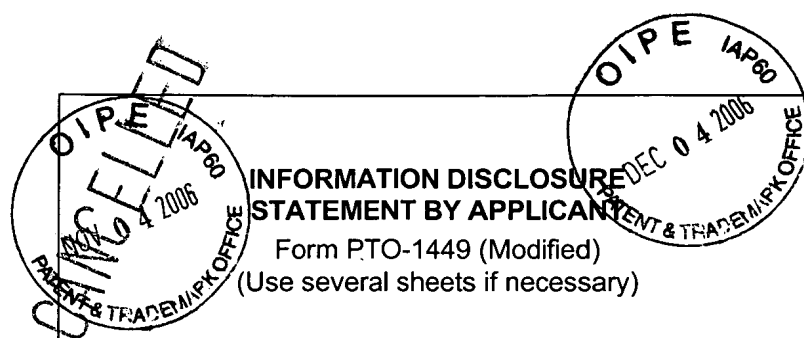


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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/760,131
Confirmation Number	7195
Filing Date	January 15, 2004
First Named Inventor	Largman et al.
Group Art Unit	2131
Examiner Name	Revak, Christopher
Attorney Docket No.	60982-8006.US01

Sheet 1 of 5

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	1.	4,464,747		Groudan et al.	8/84	
	2.	4,939,694		Eaton et al.	7/90	
	3.	5,434,562		Reardon	7/95	
	4.	5,655,069		Ogawara et al.	8/97	
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	6.	5,732,268		Bizzarri	3/98	
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	9.	5,826,012		Lettvin	10/98	
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EXAMINER

DATE CONSIDERED

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Sheet	2	of	5	Attorney Docket No.	60982-8006.US01

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	50.	US-2005/0010670	A1	Greschler <i>et al.</i>	1/05	
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		NUMBER	Kind Code (if known)			
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Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T	
	72.	Unknown Author, "Bulletin Board," Laptop Magazine, p. 14, July 2001		
	73.	Collection of printouts from GreenBorder website, ©2004-2006 GreenBorder Technologies, Inc., www.greenborder.com, 01-27-2006, 36 pgs.		
	74.	Whitepaper: iSolation Server v.2," 2005, Avinti, Inc., Lindon, UT, 15 pgs.		
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	76.	AVINTI, iSolation Server v.2 Whitepaper," © 2003-2006 Avinti, Inc., www.avinti.com/downloads/isolation-server-whitepaper.html, 01/27/2005, 15 pgs.		
	77.	ELRAD, Tzilla et al., "Developing Secure Applications Through Aspect-Oriented Programming," Nov. 18, 2004, 27.1 Introduction, 27.2 The Domain of Application-Level Security, 27.3 An Experience Report, 27.4 Discussion, 27.5 Related Work, 27.6 Conclusion, Acknowledgements, References, © 2003-2006 Pearson Education, Addison-Wesley Professional, Sample Chapter begins at www.awprofessional.com/articles/article.asp?p=340869&seqNum=1, 29 pgs.		
	78.	"Server and Domain Isolation Using Ipsec and Group Policy," March 17, 2005, © 2006 Microsoft Corporation, www.Microsoft.com/technet/security/topics/architectureanddesign/ipsec/default.mspx, 4 pgs.		
	79.	GRIZZARD, Julian B. et al. "Towards an Approach for Automatically Repairing Compromised Network Systems," June 2004 or later, 4 pgs.		
	80.	ZEICHICK, Alan, Isolation and Protection: Intel's LaGrande Vision for Trusted Virtualization," November 22, 2005, www.devx.com/Intel/Article/30008, 1/27/2006, 4 pgs.		
	81.	SAPUNTZAKIS, Constantine and Monica S. Lam, "Virtual Appliances in the Collective: A Road to Hassle-Free Computing," May 2003 or later, 6 pgs.		
	82.	CHANDRA, Ramesh et al., "The Collective: A Cache-Based System Management Architecture," Presented at the 2 nd Symposium on Networked Systems Design and Implementation, May 2-4, 2005, Boston MA, 14 pgs.		
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	87.	BRUMLEY, David and Dan Boneh, "Remote Timing Attacks are Practical," 2003 or later, 13 pgs.		
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	89.	GARFINKEL, Tal et al., "Flexible OS Support and Applications for Trusted Computing," Feb. 2003 or later, 6 pgs.		
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	91.	GARFINKEL, Tal, "Traps and Pitfalls: Practical Problems in System Call Interposition Based Security Tools," Nov. 2002 or later, 14 pgs.		
	92.	SAPUNTZAKIS, Constantine et al., "Optimizing the Migration of Virtual Computers," Dec. 2002 or newer, 14 pgs.		
	93.	GARFINKEL, Tal et al., "Terra: A Virtual Machine-Based Platform for Trusted Computing," SOSP'03, October 19-22, 2003, Bolton Landing, NY, © 2003 ACM, 14 pgs.		
	94.	LAM, Monica et al., "The Collective: A Virtual Appliance Computing Infrastructure," http://suif.Stanford.edu/collective/index.html , 1-27-2006, 3 pgs.		
	95.	MESSMER, Ellen, "GreenBorder offers security 'barrier' for IE, Outlook," March 23, 2005, Computerworld, © 2005 Network World, Inc., www.computerworld.com/securitytopics/security/story/0,10801,100579,00.html , 1/27/2006, 4 pgs.		
	96.	SCHMIDT, Brian K. et al., "The Interactive Performance of SLIM: a Stateless, Thin-Client Architecture," 17 th ACM Symposium on Operating Systems Principles (SOSP'99), Published as <i>Operating Systems Review</i> , 34(5):32-47, December 1999, SOSP-17, 12-1999, Kiawah Island, SC, © 1999 ACM, 16 pgs.		
	97.	SCHMIDT, Brian K. et al., "Supporting Ubiquitous Computing with Stateless Consoles and Computation Caches," August 2000, 140 pgs.		
	98.	Microsoft Corporation Microsoft Windows 95 Resource Kit, 1995, Microsoft Press, pp. 650-651.		

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